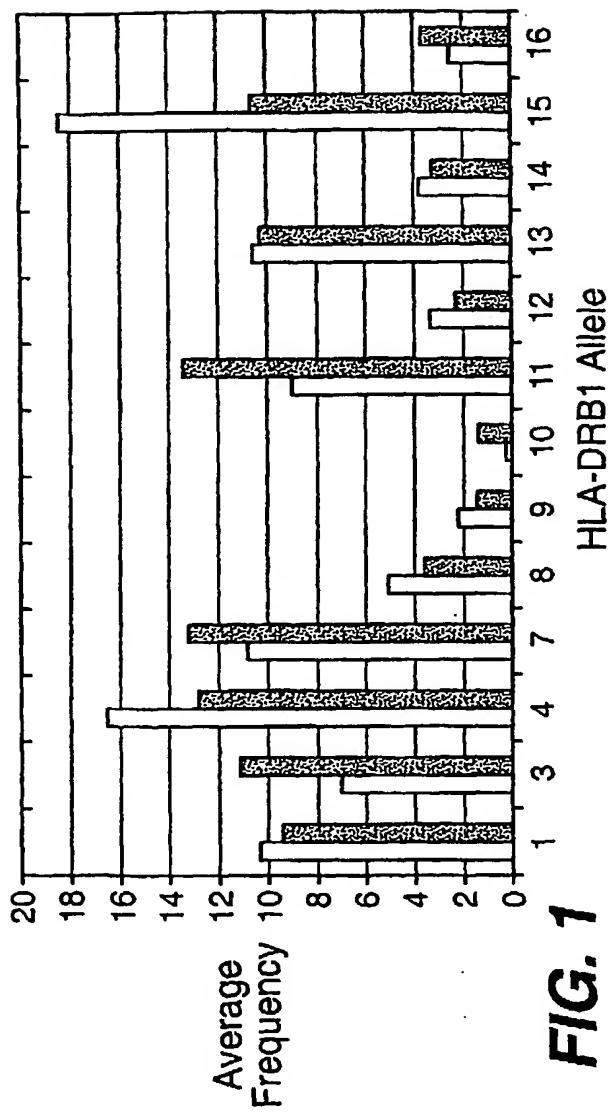
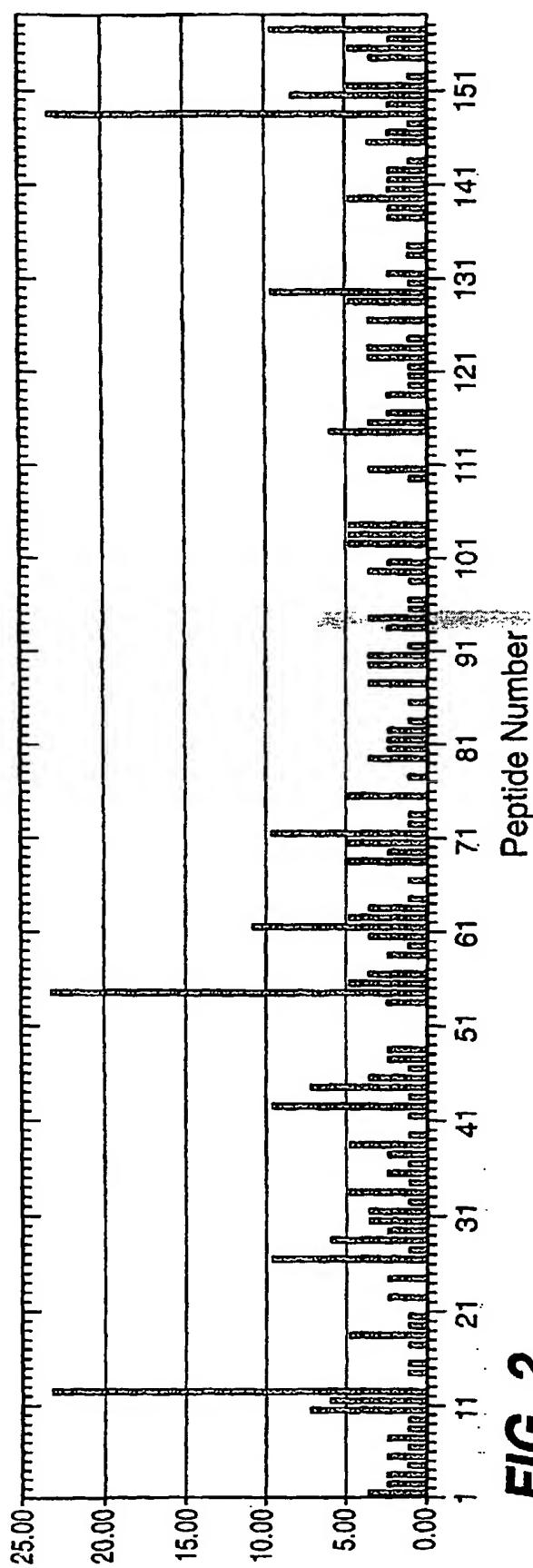
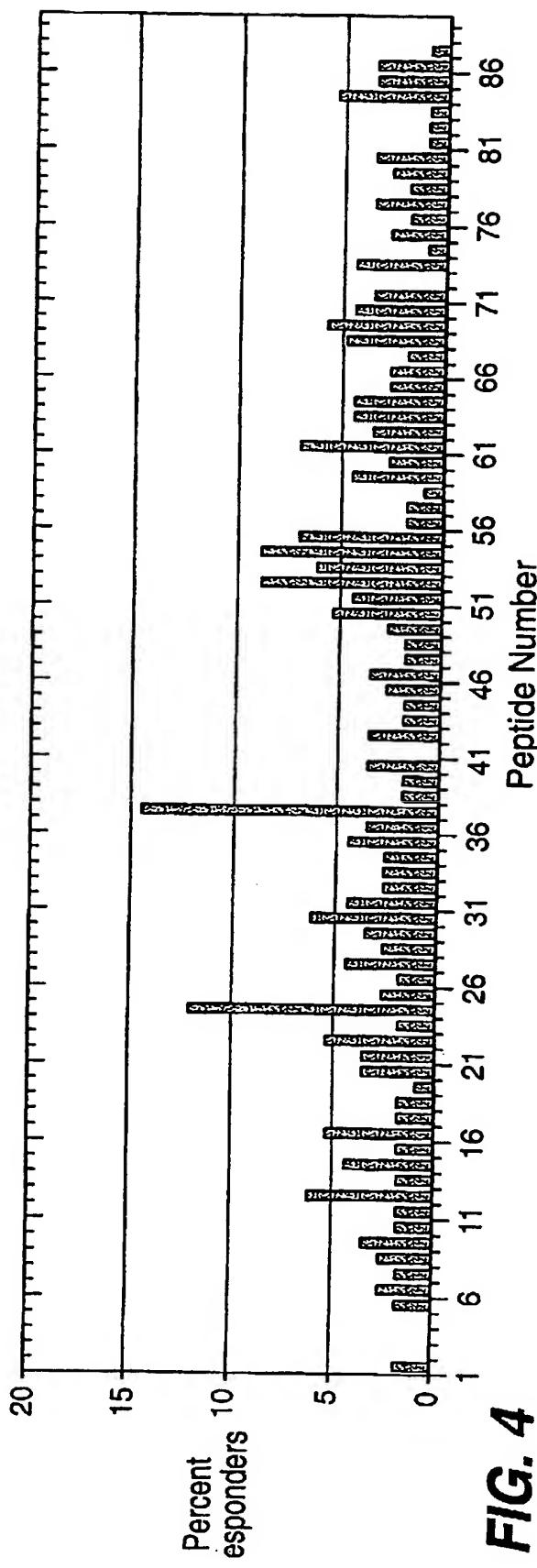
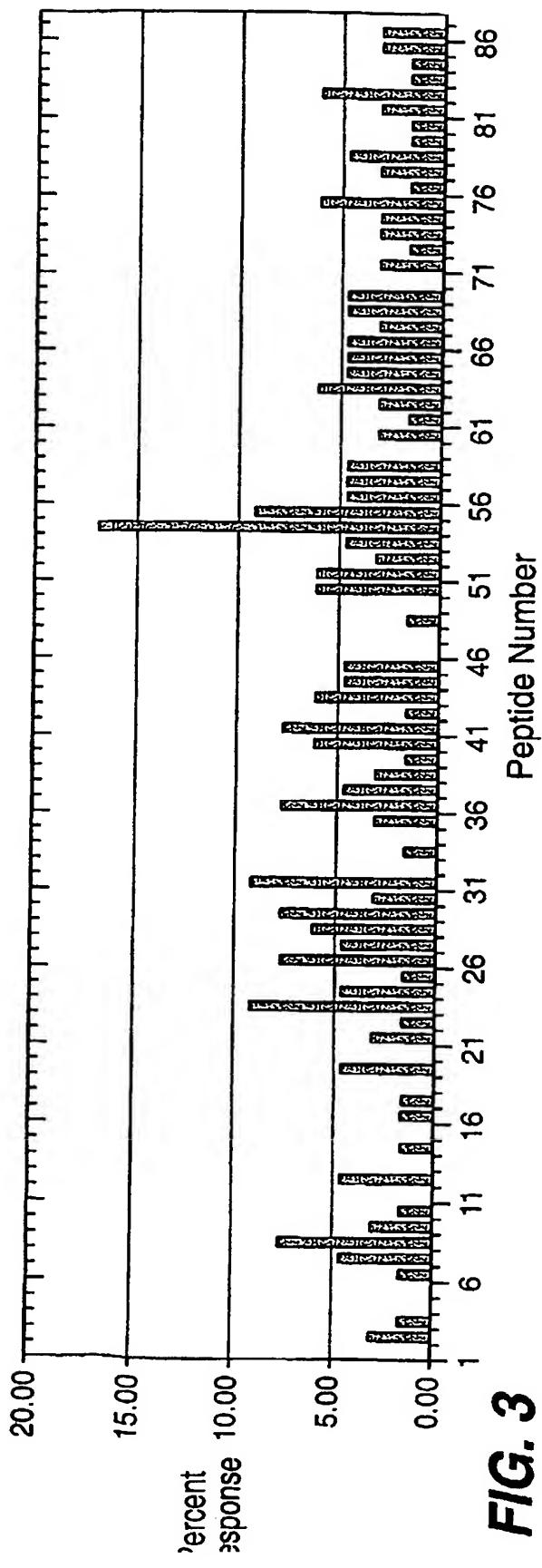


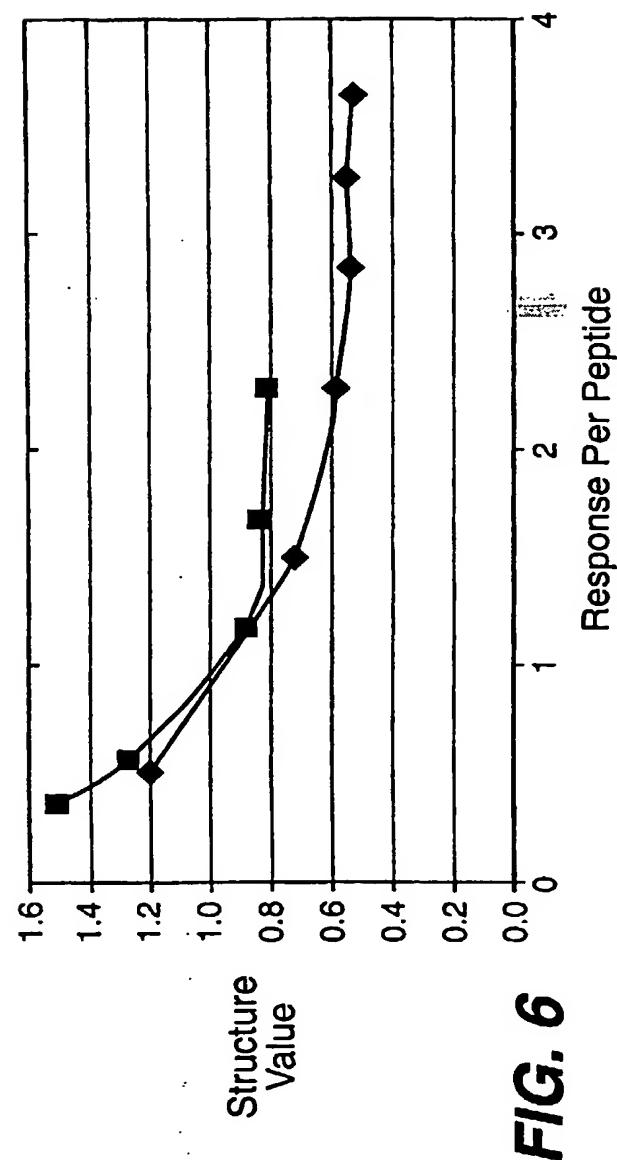
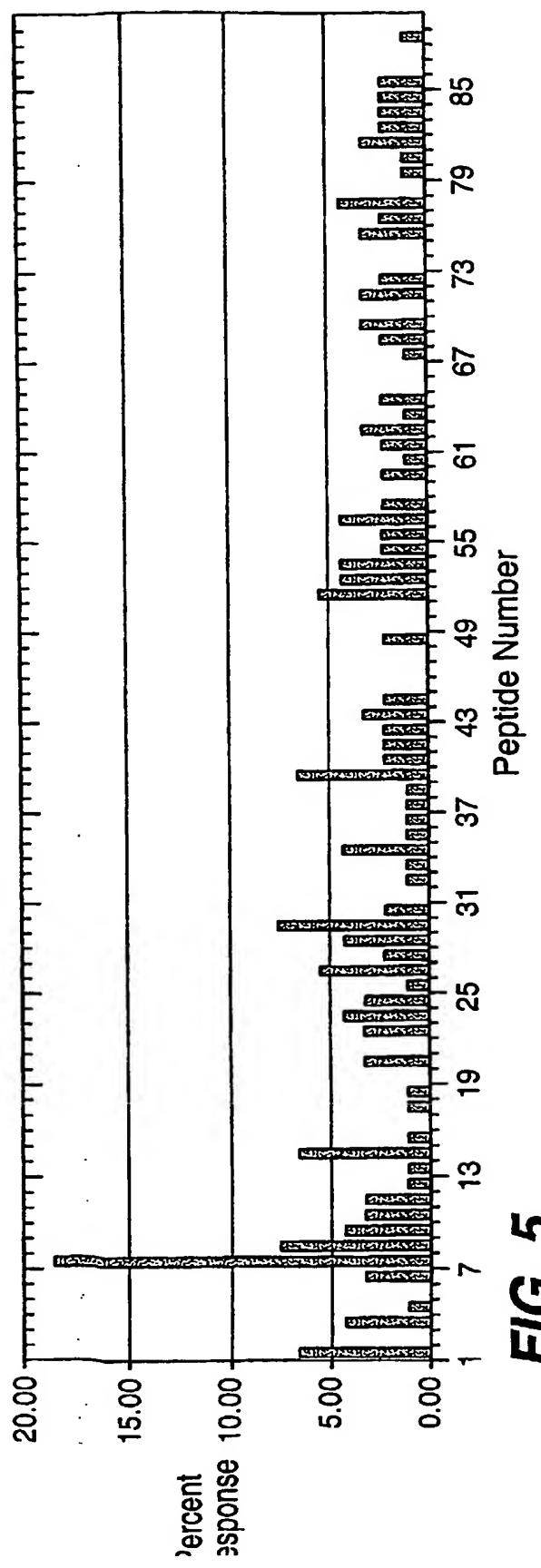
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**FIG. 1****FIG. 2**

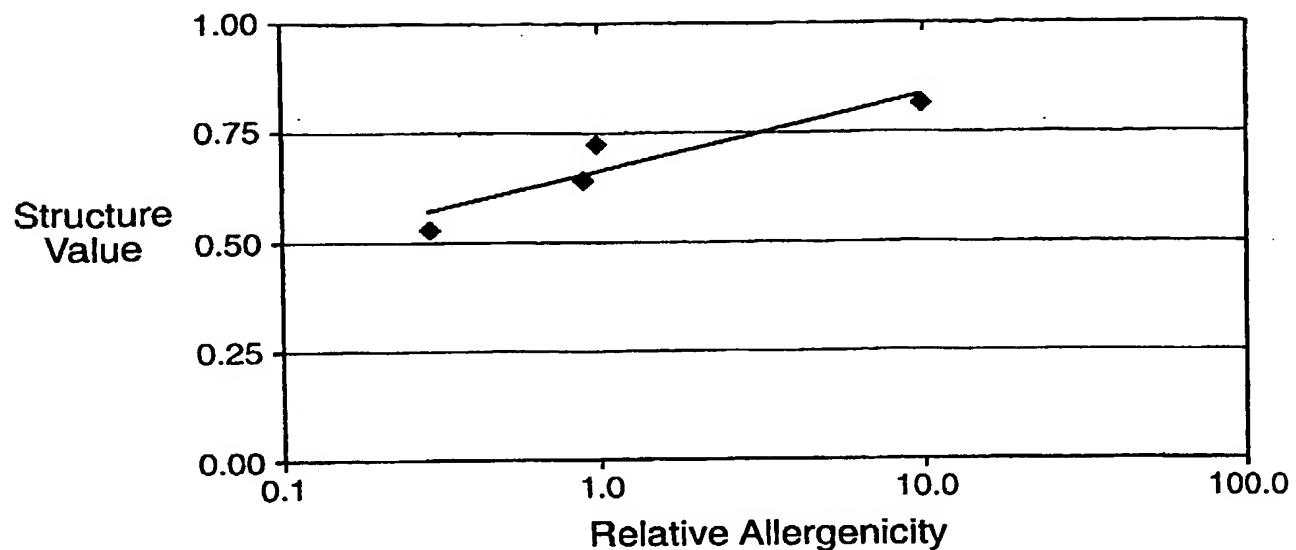
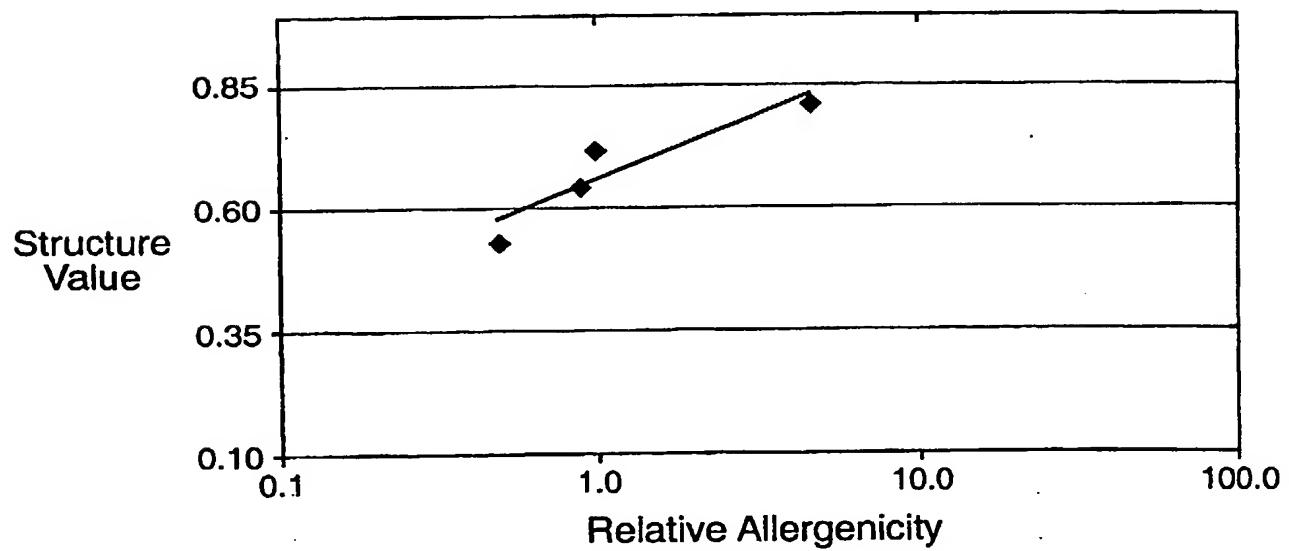
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**FIG. 7A****FIG. 7B**

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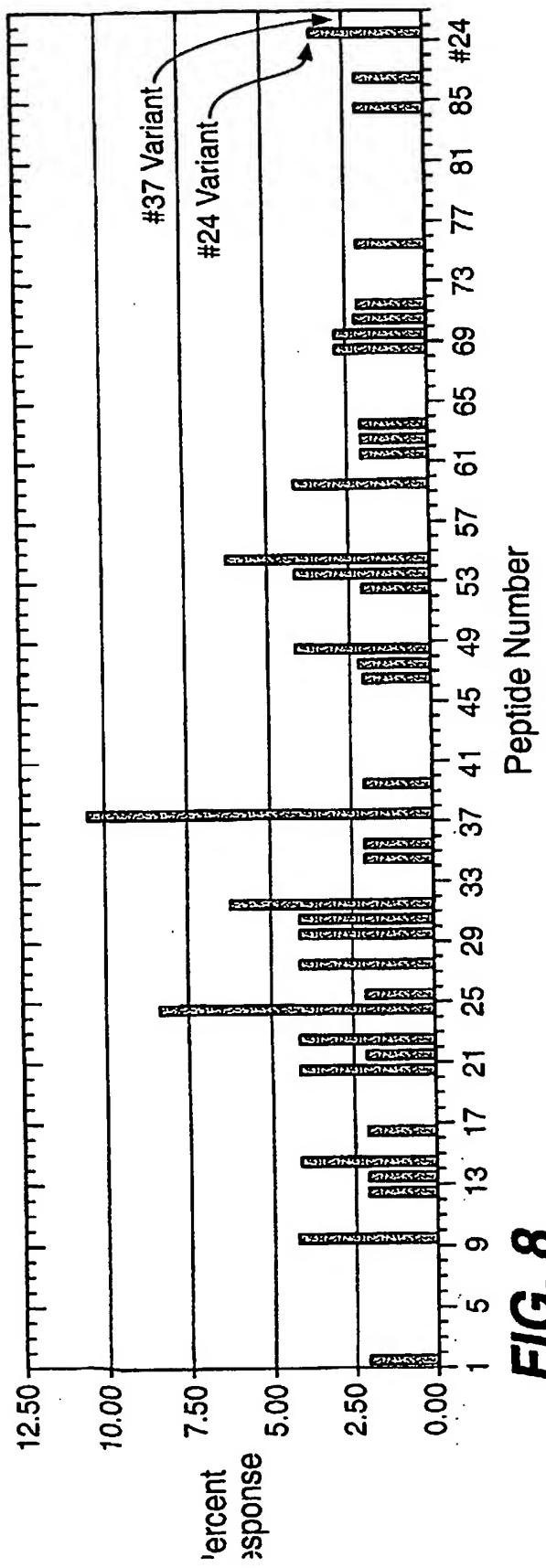


FIG. 8

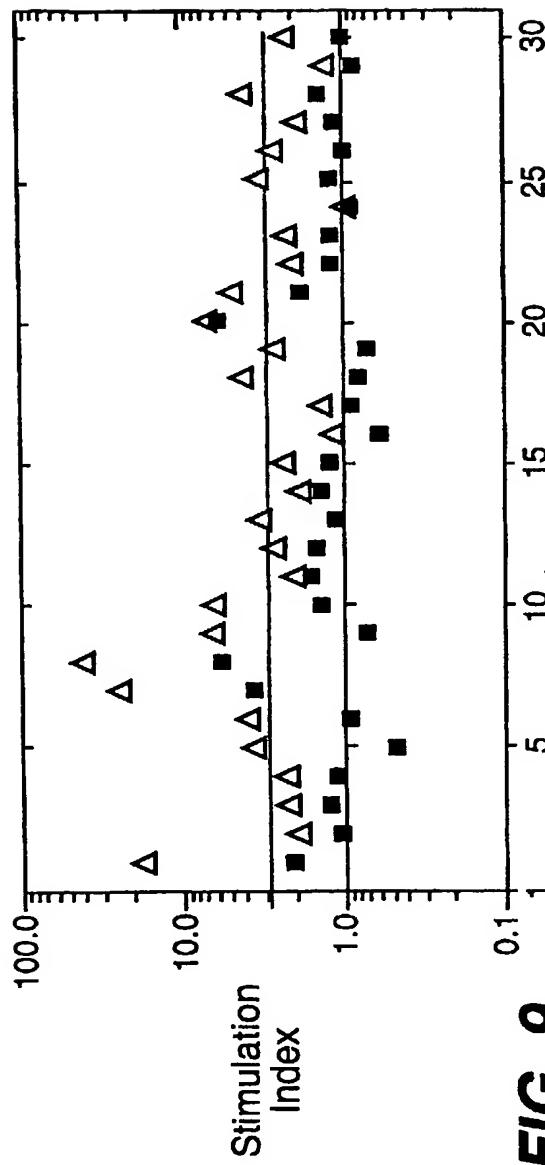
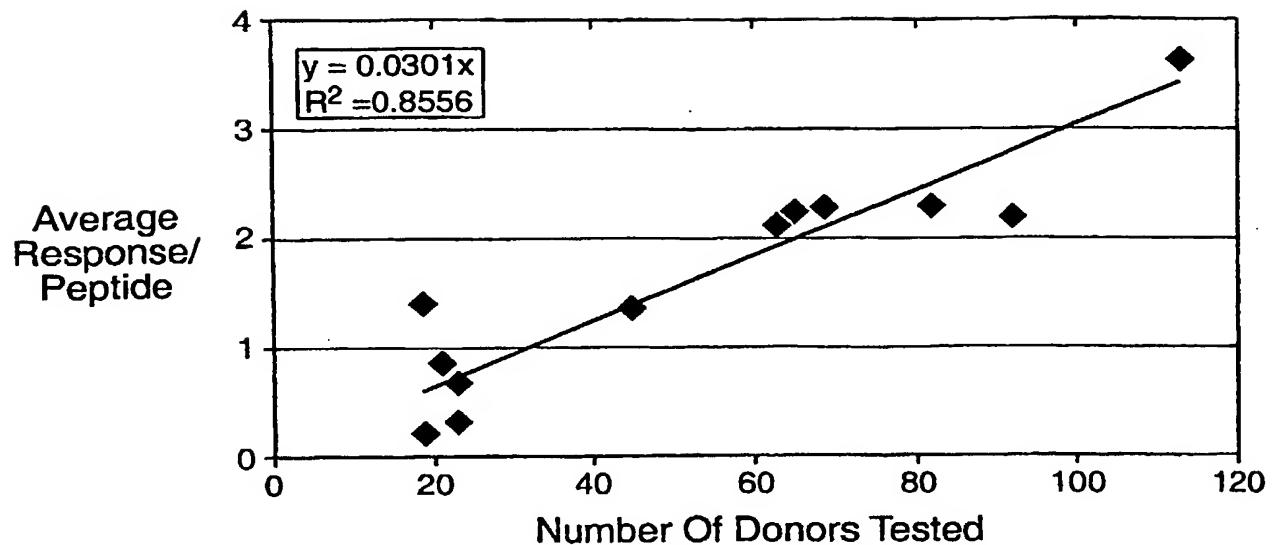


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**FIG. 10**

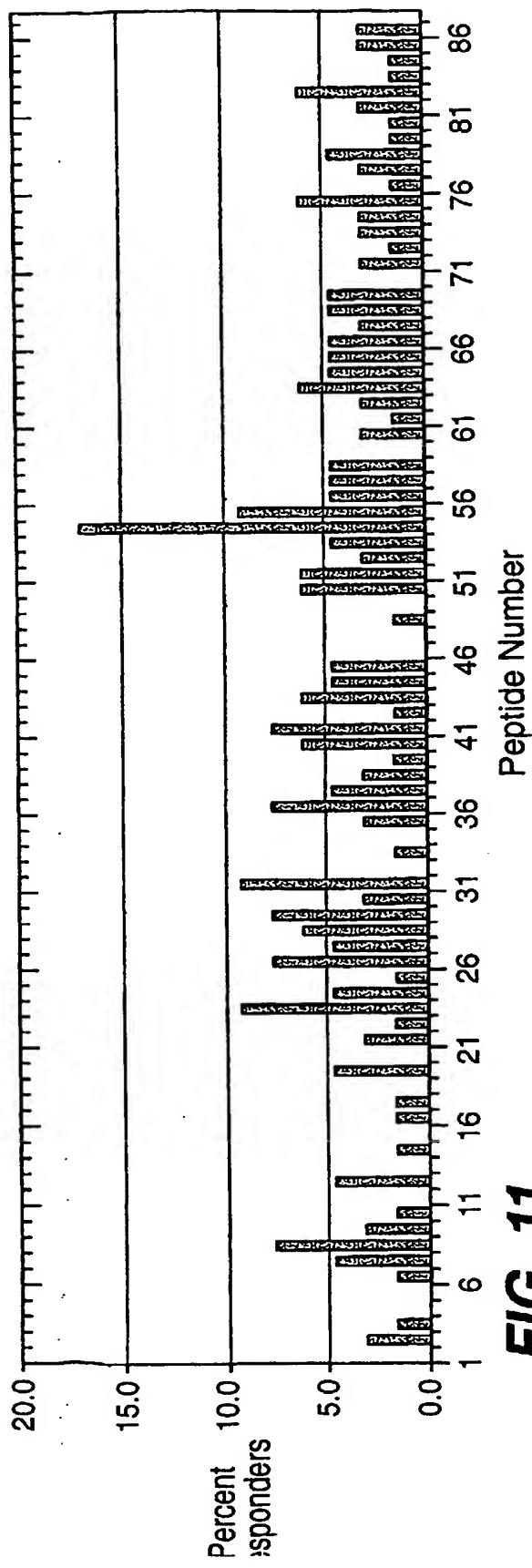


FIG. 11

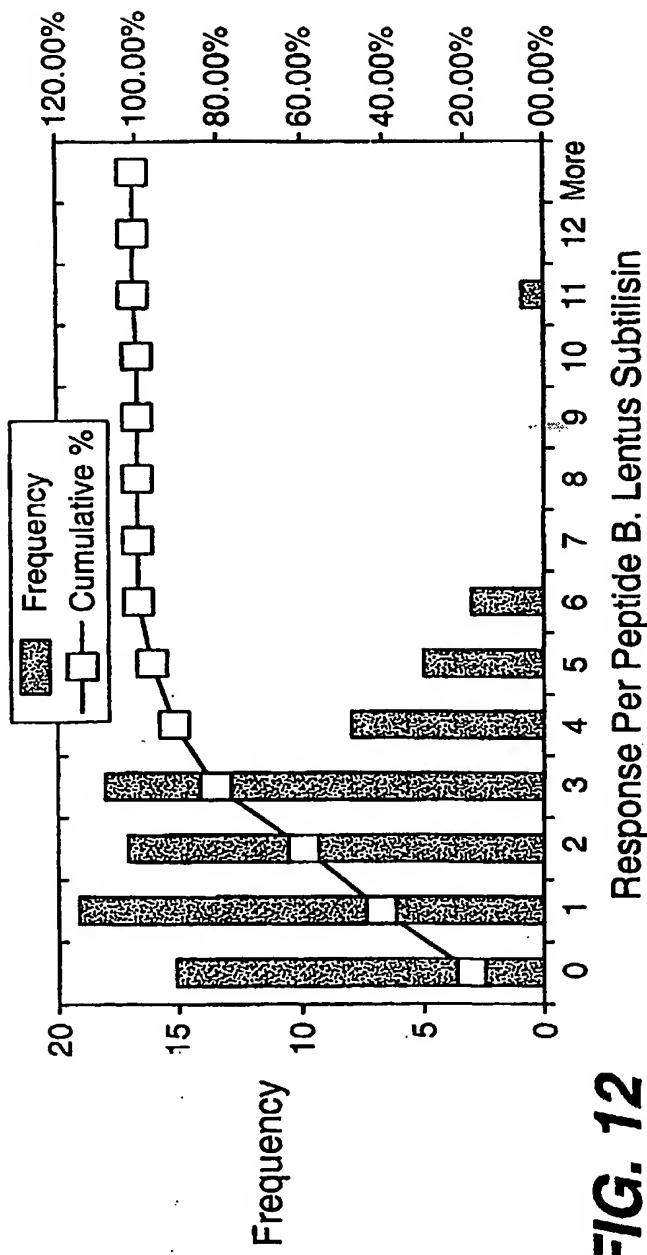
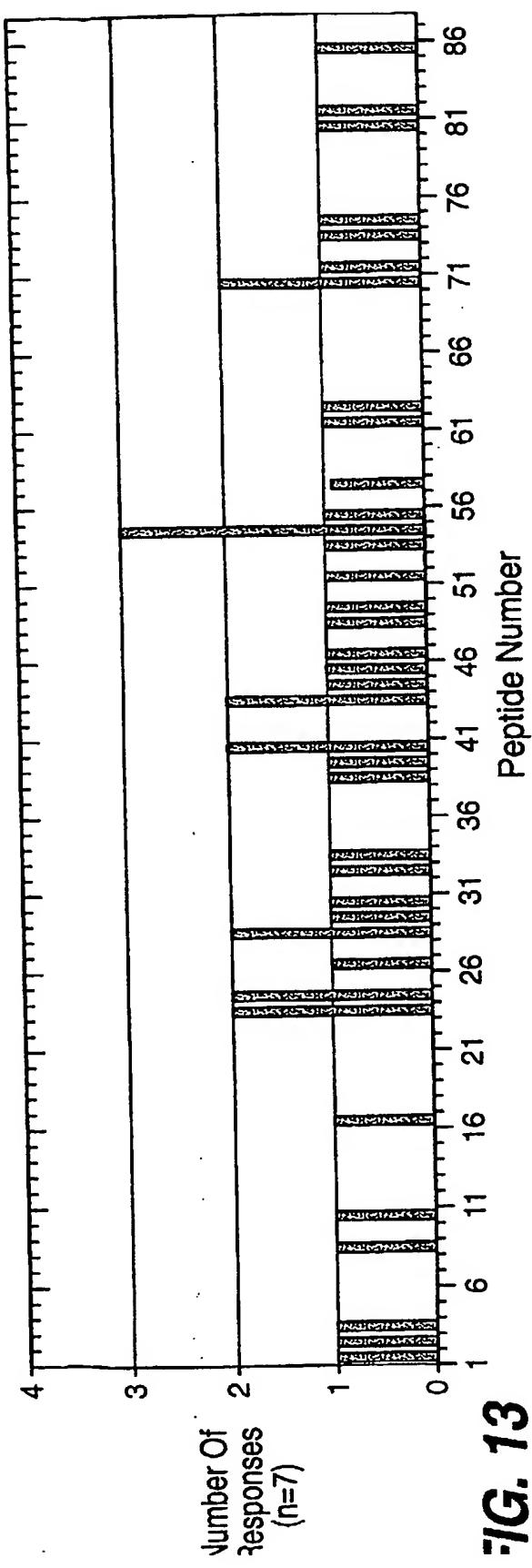


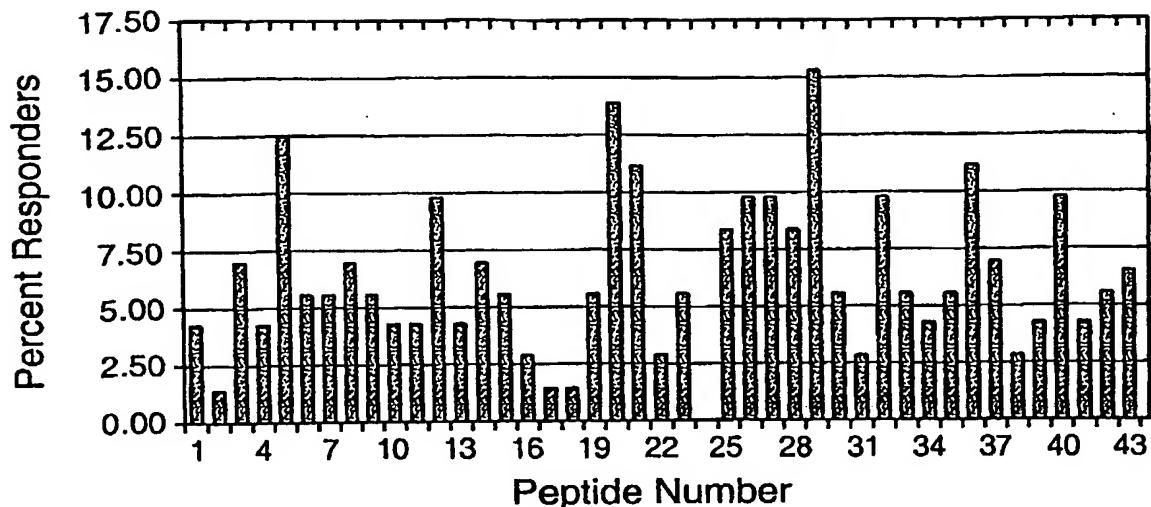
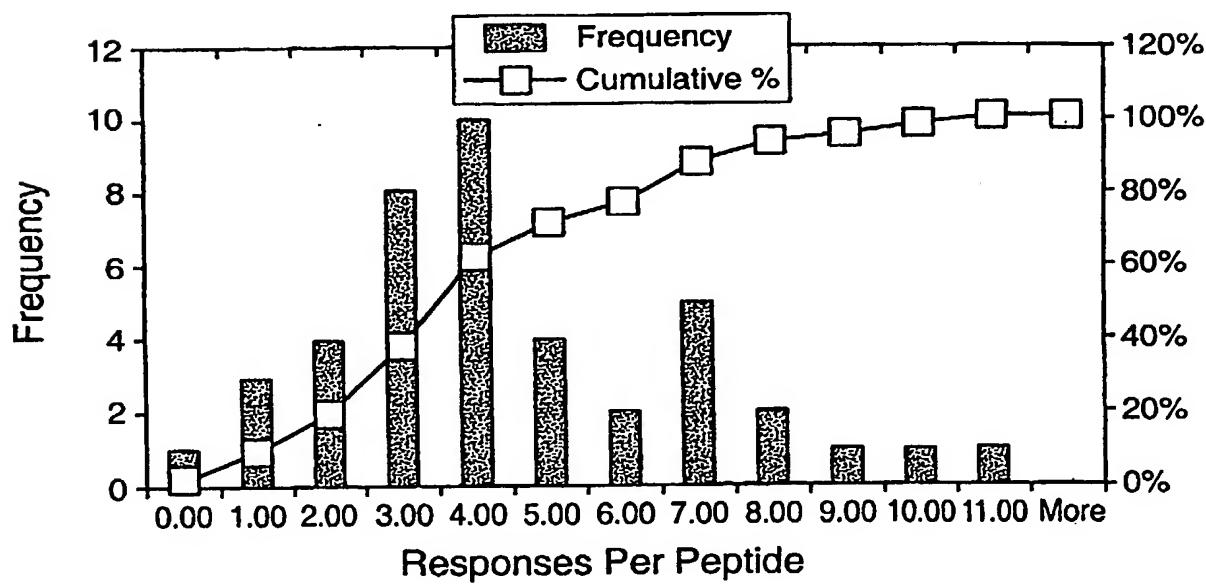
FIG. 12



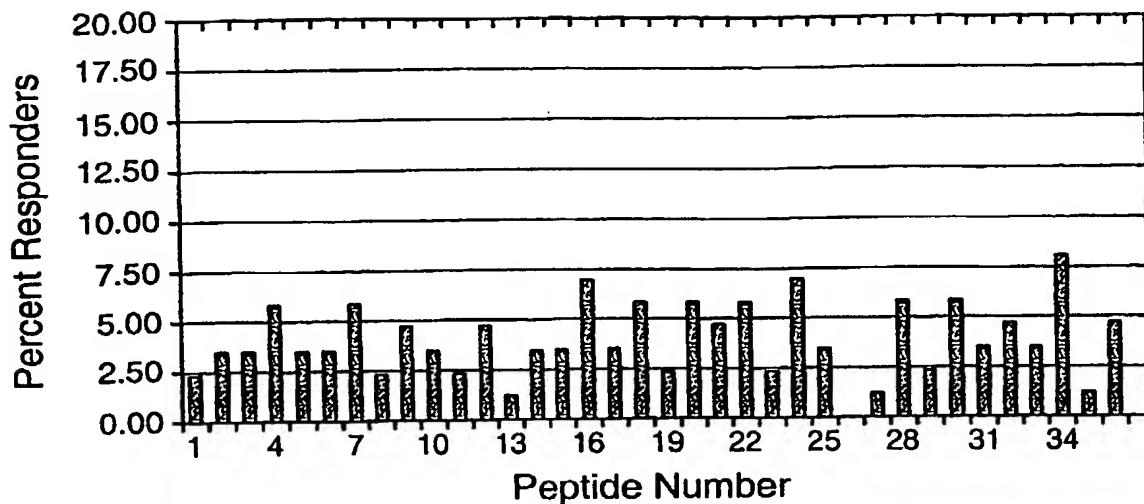
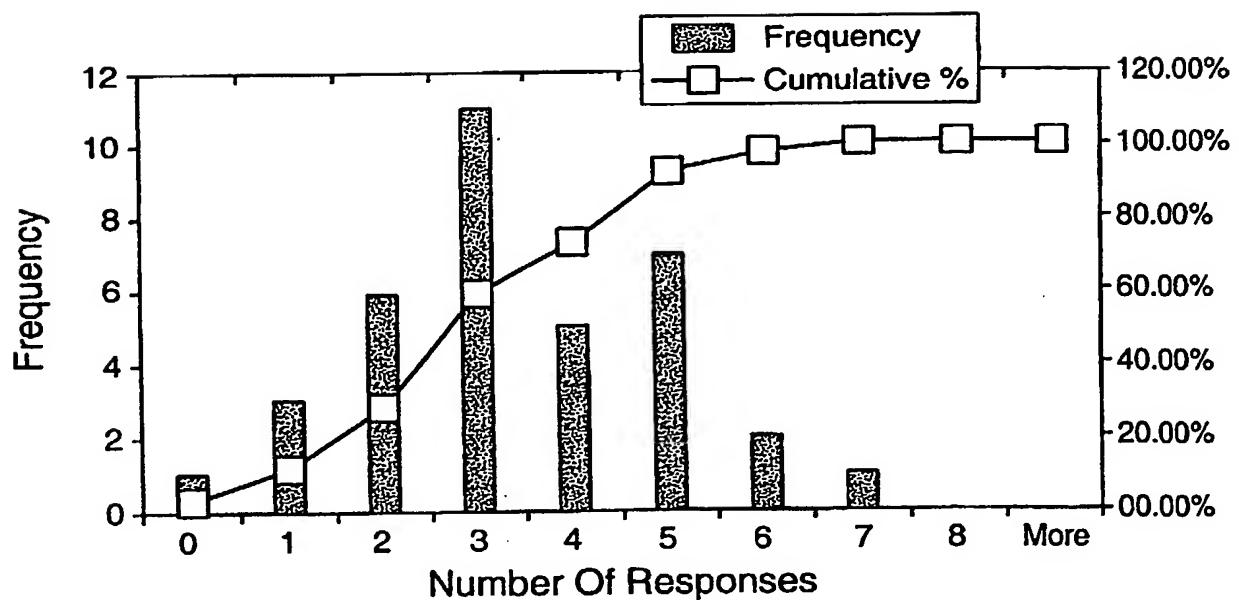
Immune® HLA Associations Staphylokinase Peptide	HLA Association	p	HLA Increased	HLA Decreased	Warmerdam, et al (2002)* Region	D1	DR3, 7, 2
5			DQ2	56% vs 27%, p < 0.08			
20	DR2 (15)	p < 0.03	DQ6	70% vs 40%, p < 0.08	DR7	0% vs 23%, p < 0.09	F2
21			DR6 (13)	50% vs 23% p < 0.11			C3
29	DR5 (11)	p < 0.01				n.f.#	DR2, 3, 4, 6, 7, 8
36			DR3	37% vs 14%, p < 0.09		D4	DR3, 6
						A5	DR2, 5, 6, 8
							n.f.#

**FIG. 15**

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**FIG. 14A****FIG. 14B**

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**FIG. 16A****FIG. 16B**

## nm IC<sub>50</sub> For Binding To Purified HLA

		DRB1								
Protein	*0101 (DR1)	*0301 (DR3w17)	*0401 (DR4w4)	*0404 (DR4w14)	*0405 (DR4w15)	*0701 (DR7)	*0802 (DR8w2)	*0901 (DR9)	*1101 (DR5w11)	*1201 (DR5w12)
BPN'Y217L.70	6.5	8737	33	5.7	166	154	1711	46	2382	80
BPN'Y217L.109	8.8	--	30	166	37	58	2192	43	3019	1235
B. lensus 157	1065	16,433	4794	7575	6784	724	>16,333	1484	--	--
B. lensus 160	13	--	142	5542	1348	138	2033	164	5554	--

DRB1	DRB3/4/5		DQ		Degeneracy		
	*1501 (DR6w2β1)	*DRB3*0101 (DR52a)	*DRB4*0101 (DRw53)	DQA1*0501/ DQB1*0201 (DQ2)	DQA1*0301/ DQB1*0301 (DQ3.1)	DQA1*0301/ DQB1*0302 (DQ3.2)	n/18
0.69	21	2010	31	15,689	670	440	2069
9.8	683	119	1071	1024	97	2182	80
2009	865	>9434	>9667	..	6157	6009	5009
559	127	6157	8257	1726	1296	63	1046

FIG. 17

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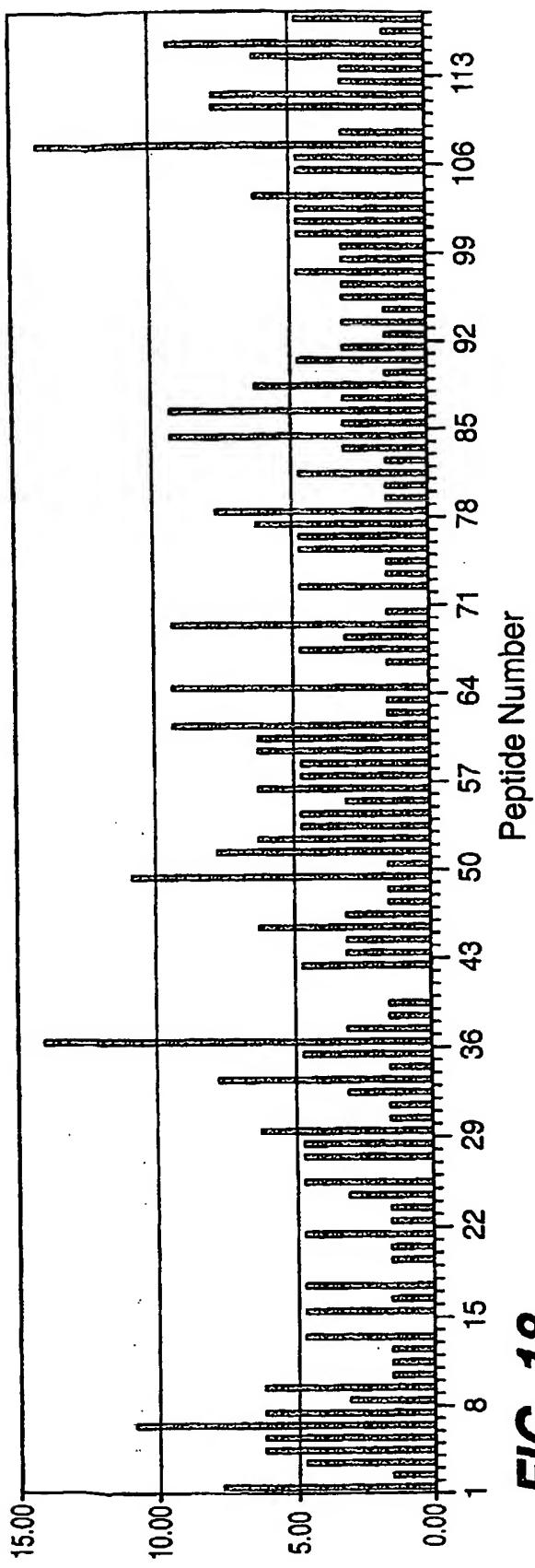


FIG. 18

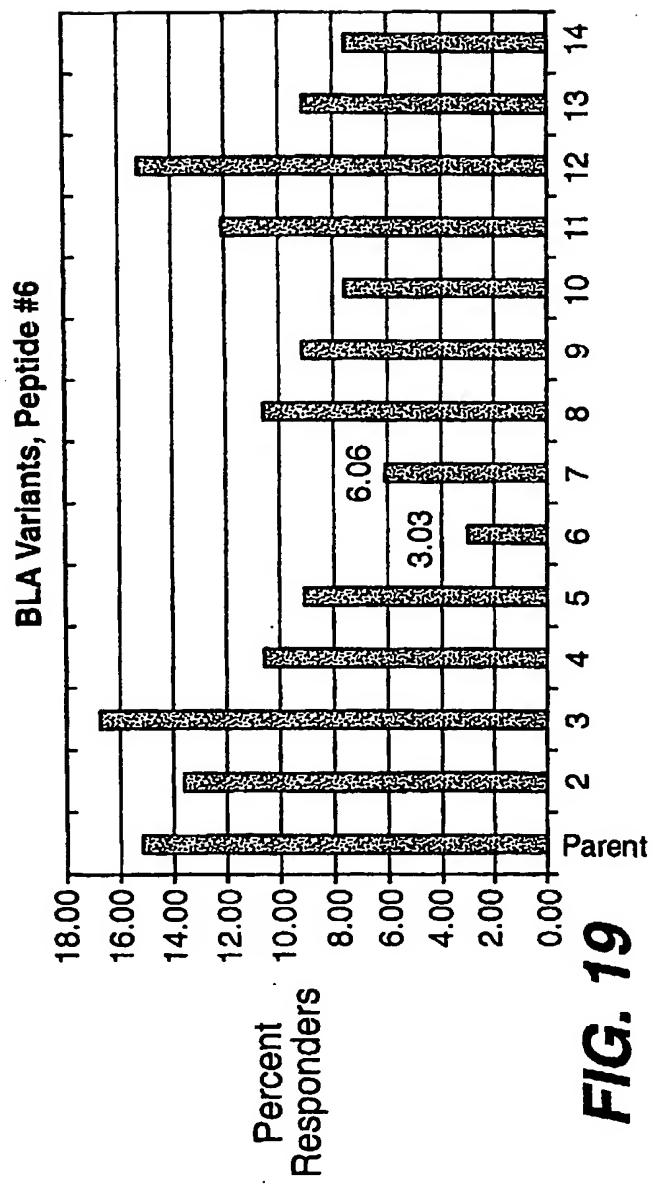
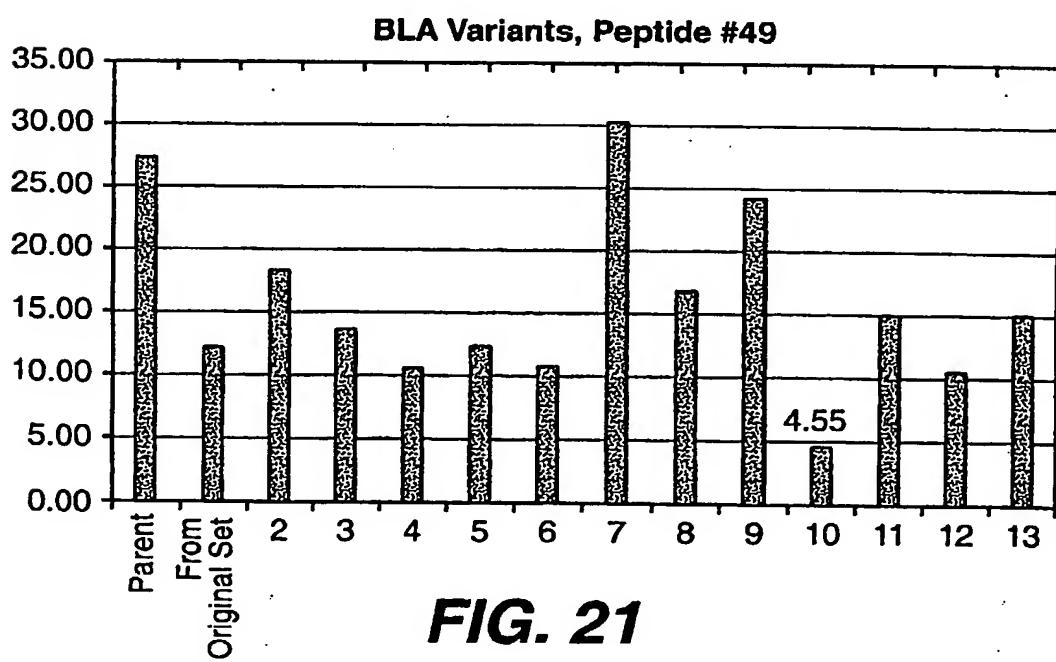
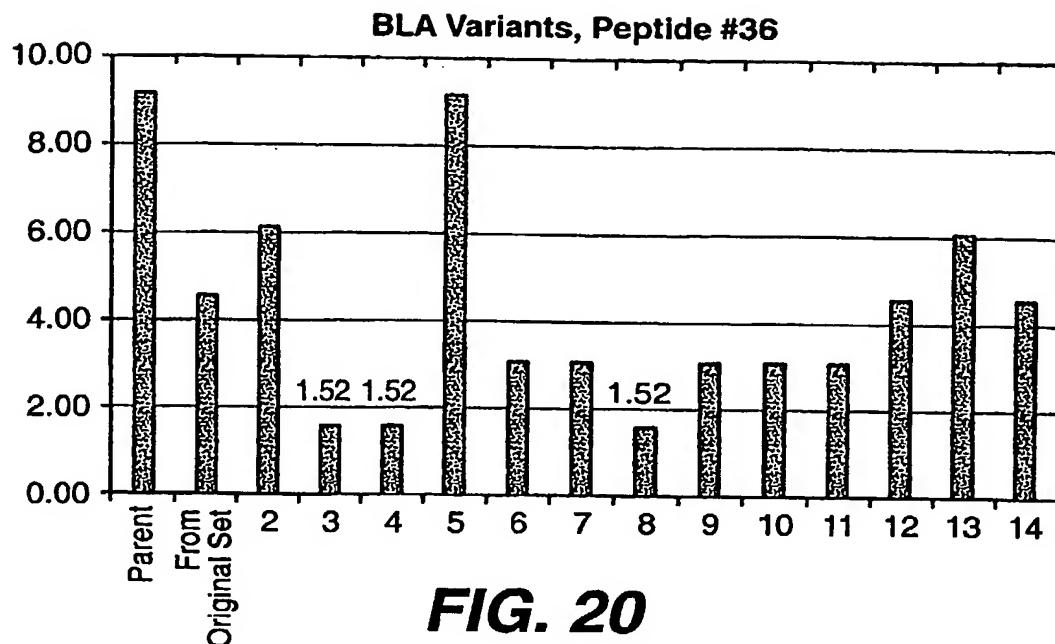
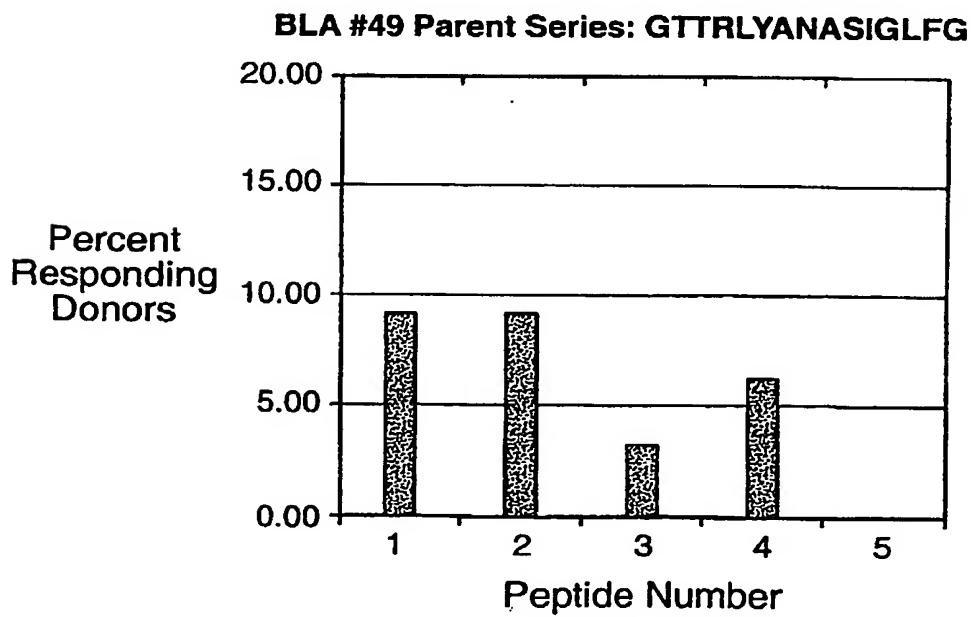
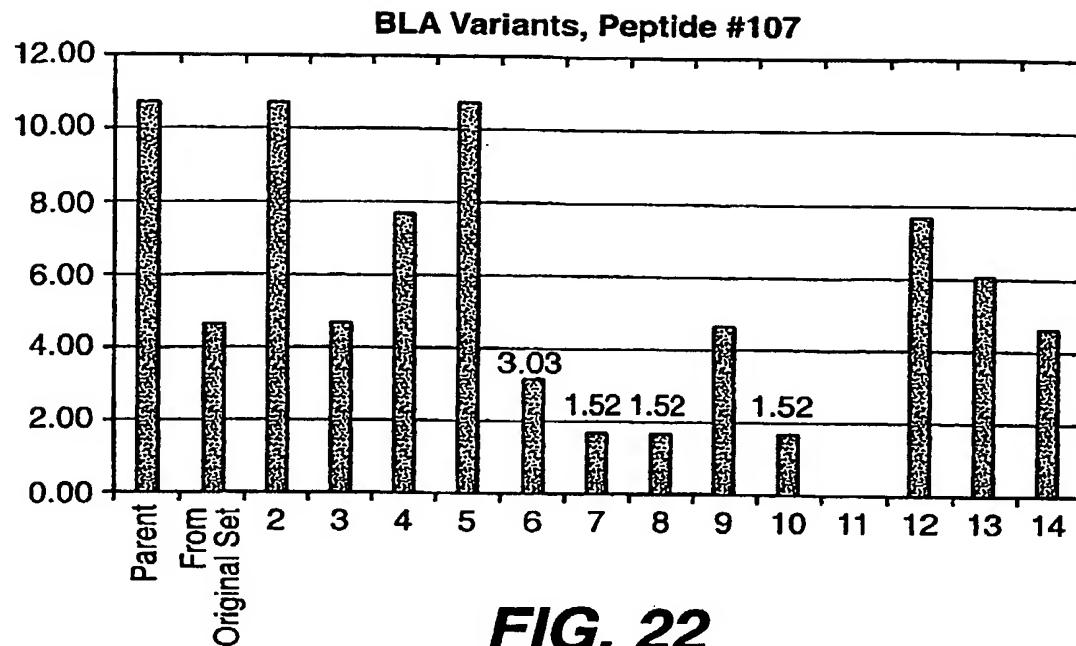


FIG. 19

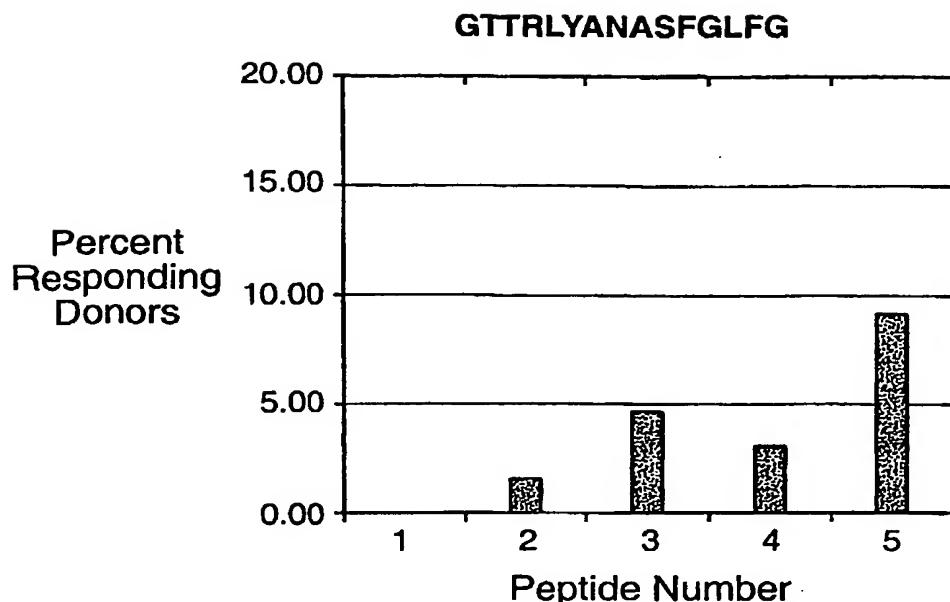
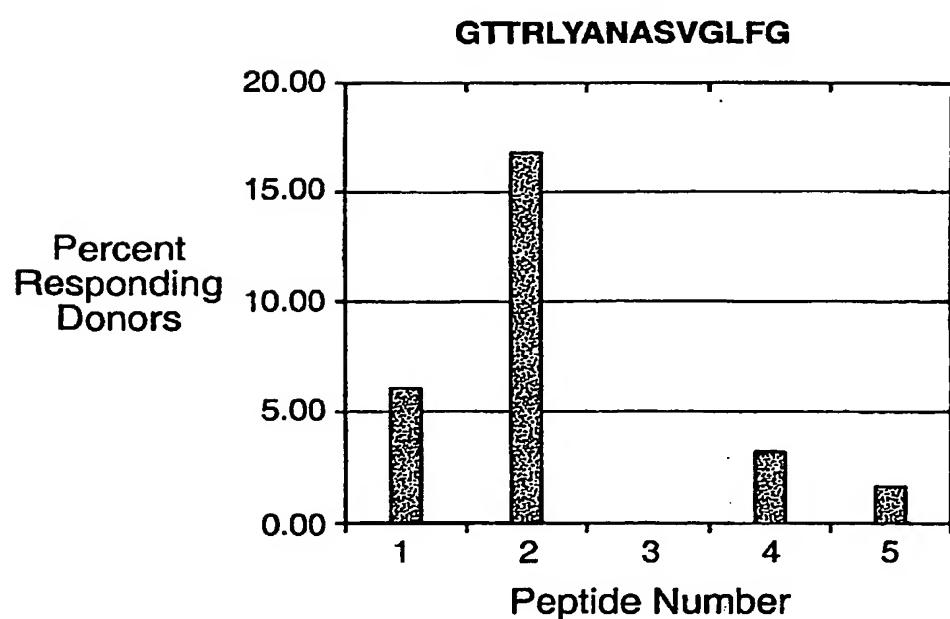
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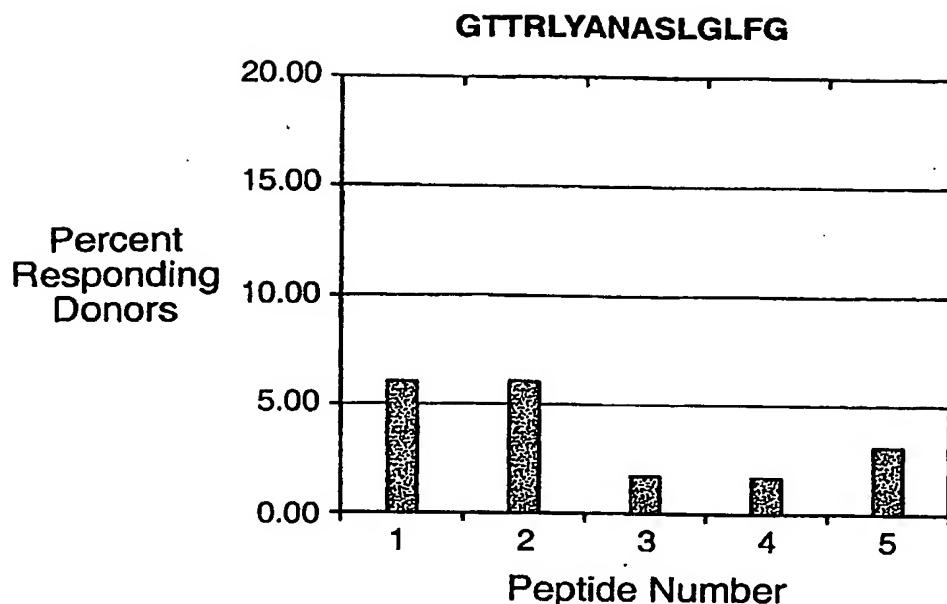
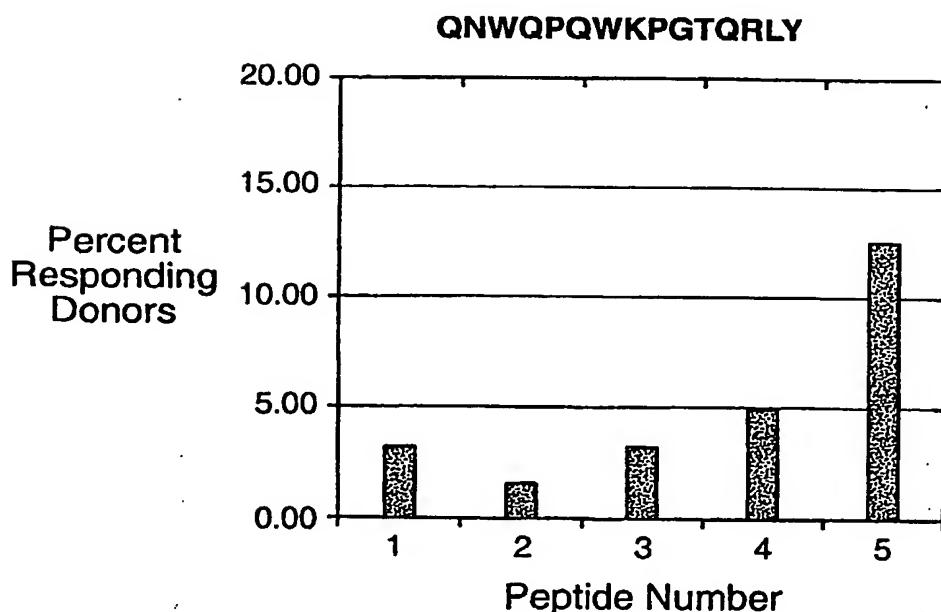
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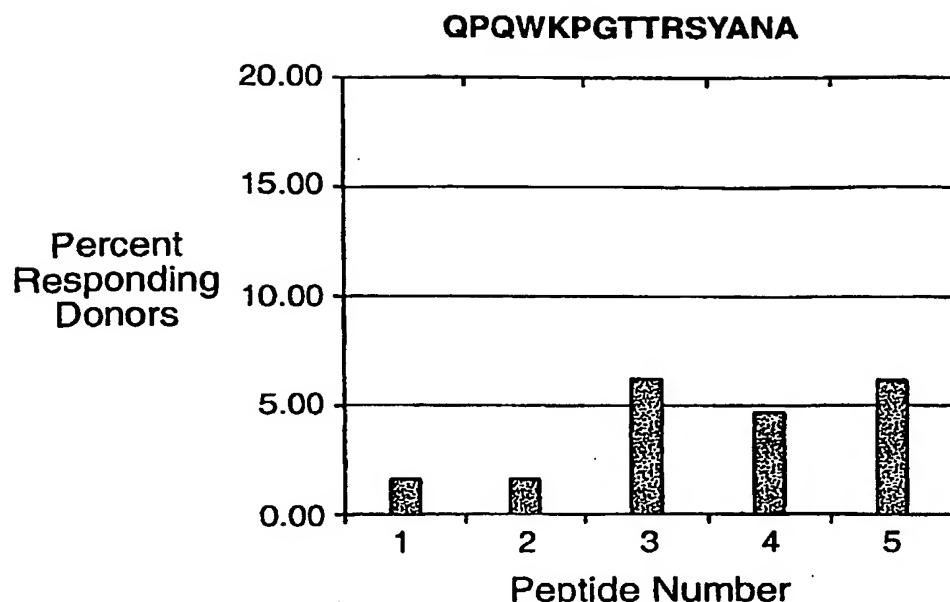
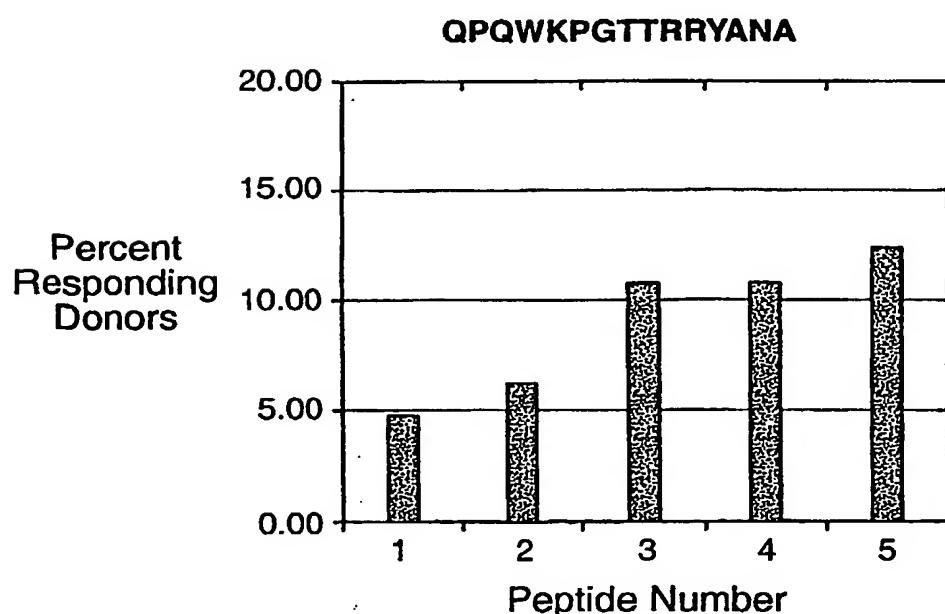
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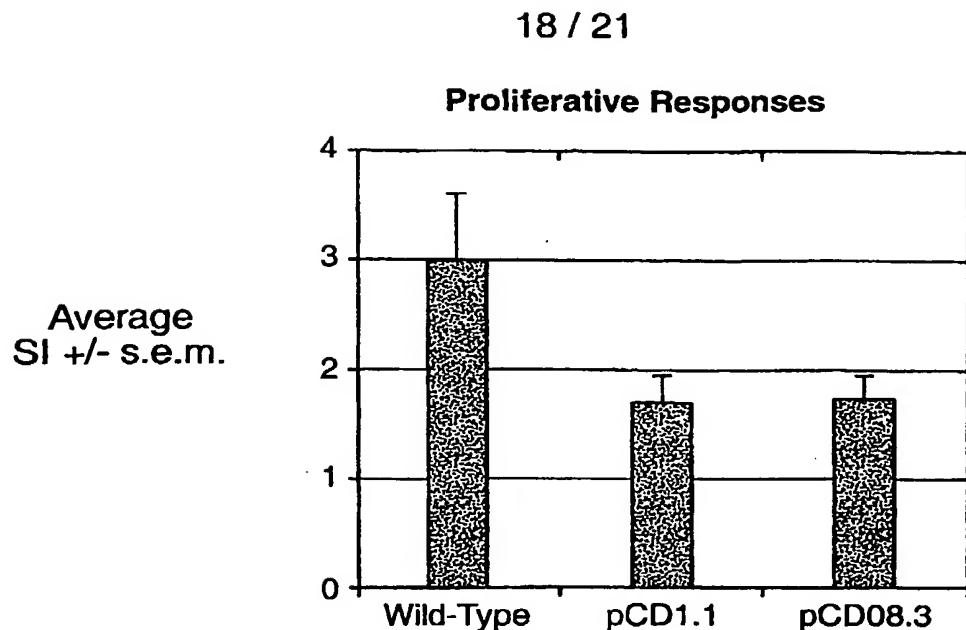
**FIG. 24****FIG. 25**

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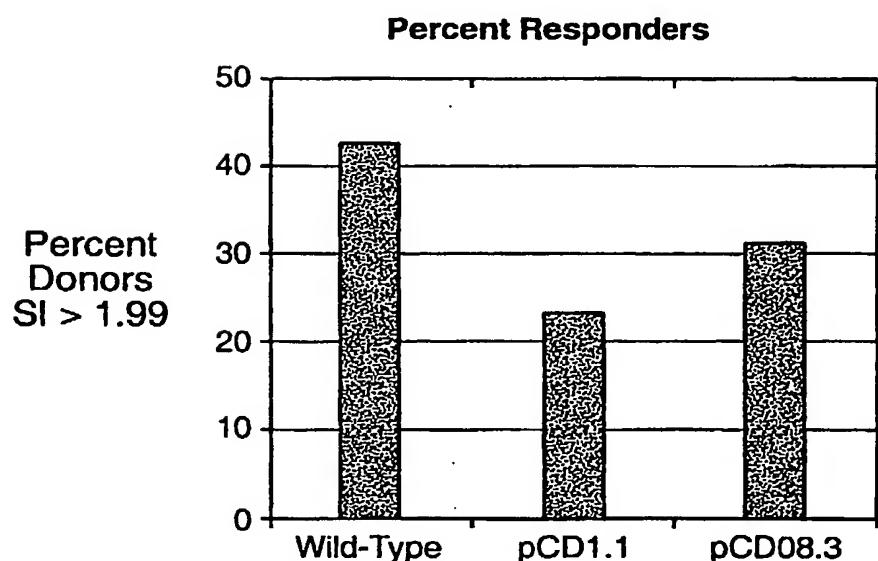
**FIG. 26****FIG. 27**

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**FIG. 28****FIG. 29**

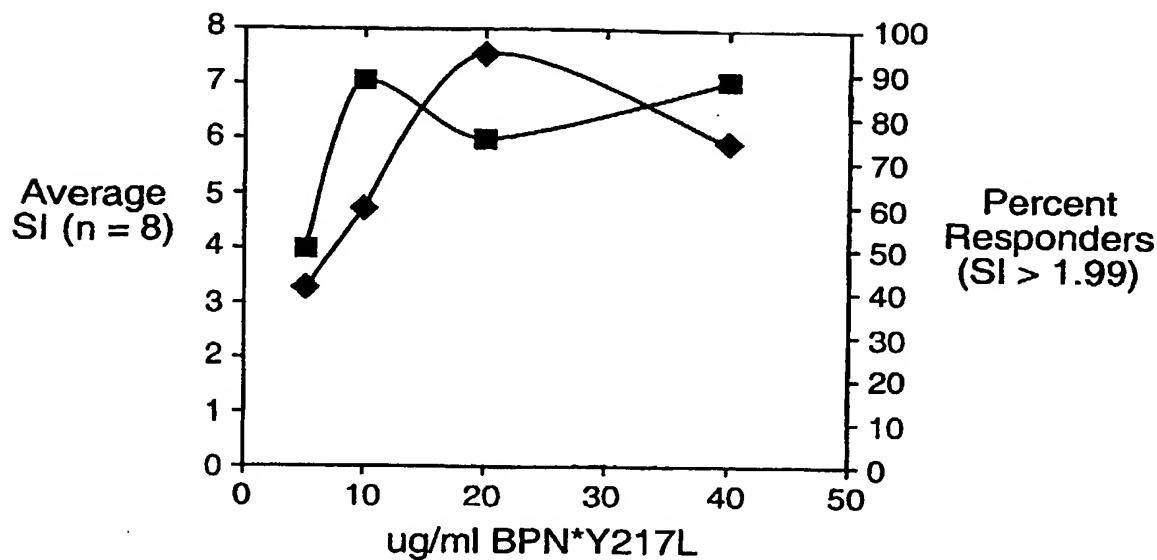
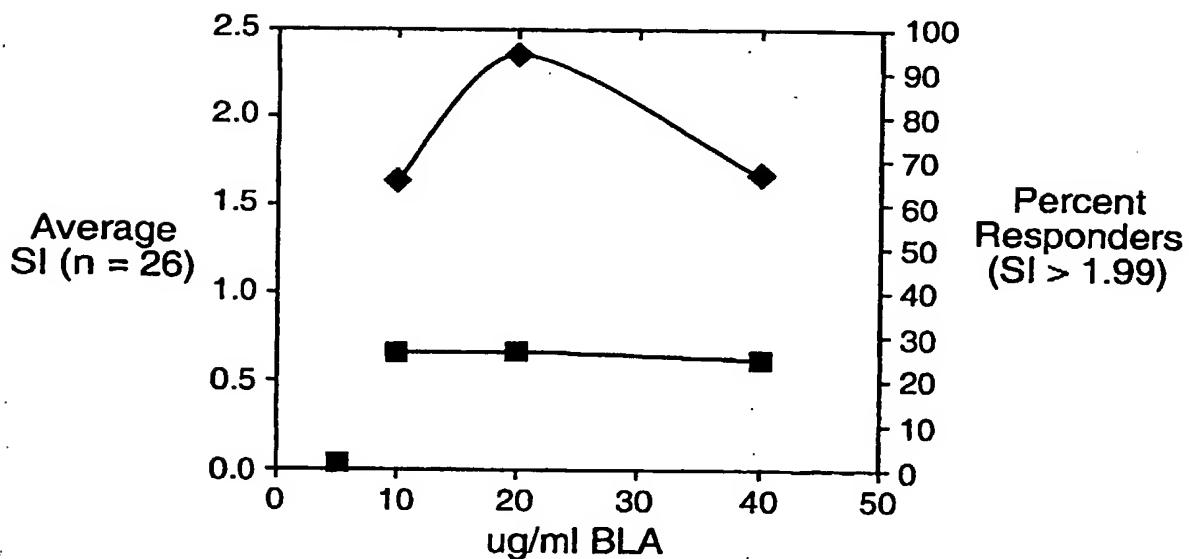


**FIG. 30A**

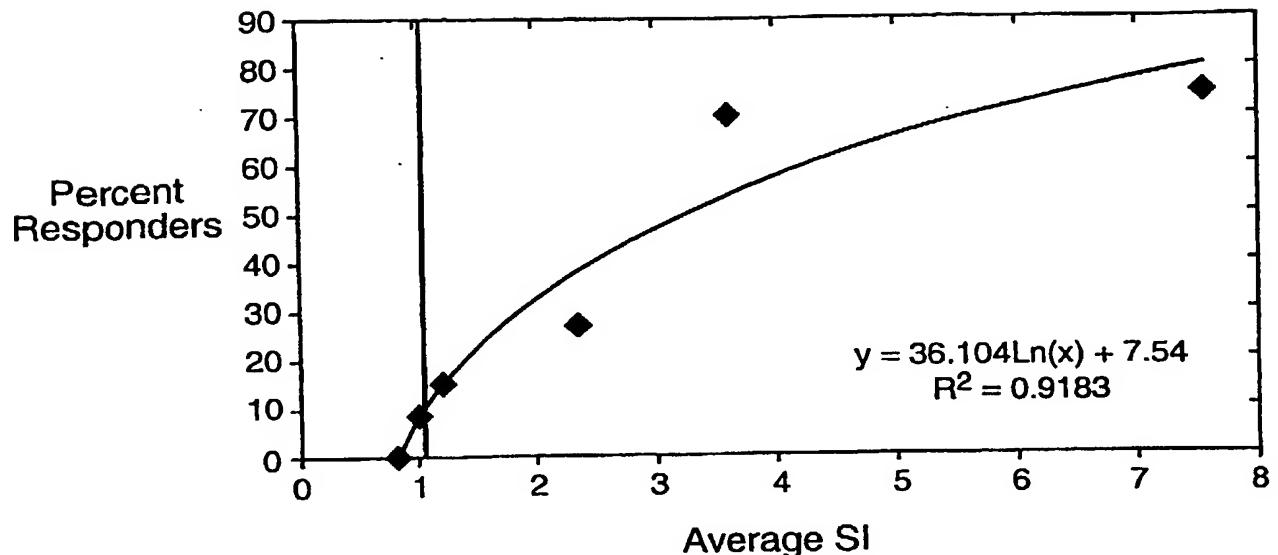
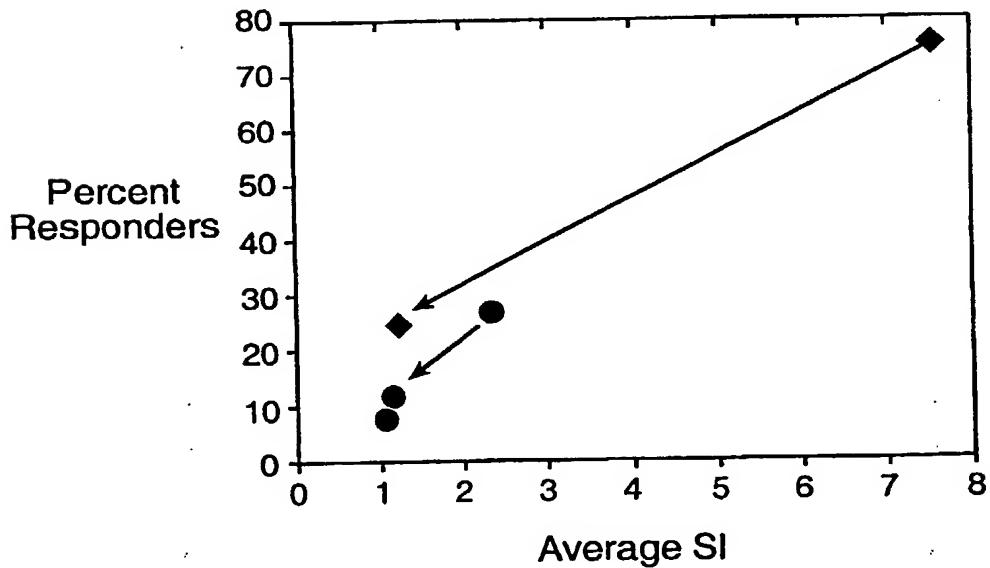


**FIG. 30B**

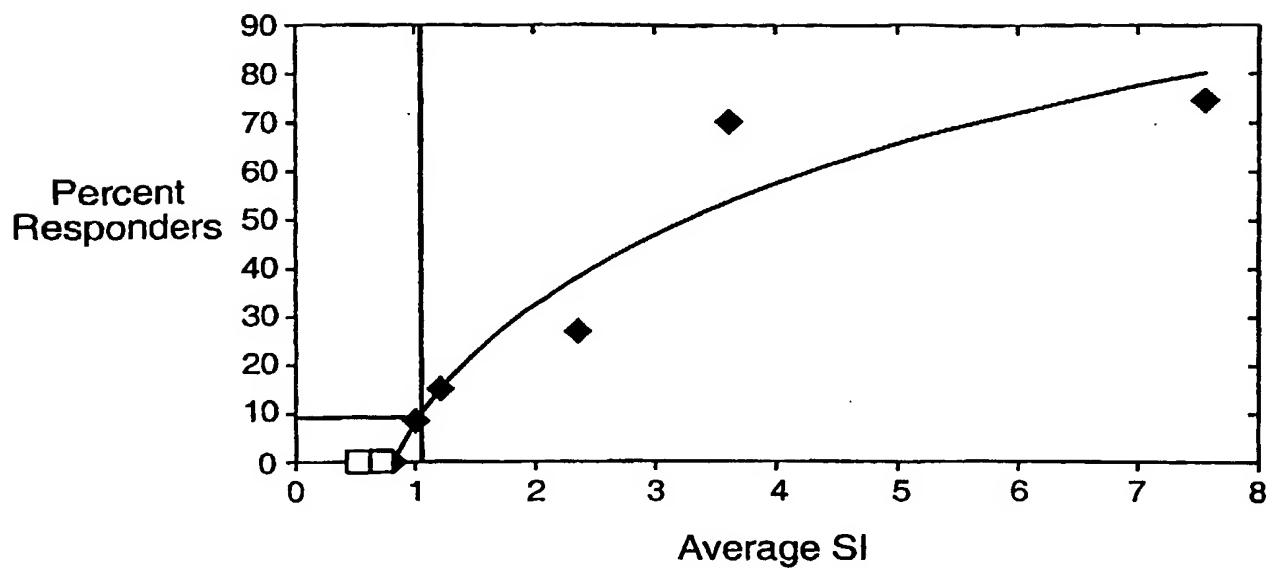
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**FIG. 31A****FIG. 31B**

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**FIG. 32****FIG. 33**

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**FIG. 34**